Better forest information.
Better supply chain management.
FOREST COMMODITIES

Major Drivers of Deforestation

- Palm Oil
- Timber
- Soy
- Beef
- Pulp/Paper
- Biofuels
An online platform that provides practical analysis for zero deforestation supply chains, when and where companies need it.

commodities.globalforestwatch.org

*BETA site “launched” June 4th at RSPO European summit.*
A BUSINESS TOOL TO END DEFORESTATION

Identify sustainable timber suppliers
A BUSINESS TOOL TO END DEFORESTATION

- Purchase certified sustainable beef
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- Monitor fires on palm-oil concessions
A BUSINESS TOOL TO END DEFORESTATION

- Purchase certified sustainable beef
- Identify sustainable timber suppliers
- Avoid developing on HCV areas
- Monitor fires on palm-oil concessions
A BUSINESS TOOL TO END DEFORESTATION

- Purchase certified sustainable beef
- Identify sustainable timber suppliers
- Reduce investment risk from deforestation
- Monitor fires on palm-oil concessions
- Avoid developing on HCV areas
Data challenges

**Forest Data**
- Not reliable
- Not up-to-date
- Dispersed
- Expensive
- Very technical
- Not interactive

**Commodity Data**
- No spatial context
- Dispersed
- Inaccessible
- Not reliable
GLOBAL FOREST WATCH - COMMODITIES

A business tool to end deforestation in commodity supply chains.

Would you like to...

- Explore certified sustainable palm oil areas... (All users)
- Map areas for expansion... (Beta users)
- Analyze forest loss in your supply chain... (Beta users)

A project of Global Forest Watch.
DATA

Built on ESRI platform
- Map server enables on the fly-analysis

**Forest Change:** Tree cover loss/gain, clearance alerts, fires,

**Forest Use:** Palm oil, timber, pulp/paper, mining, certified palm oil

**Conservation:** Protected areas

**Land Cover:** Peat land, primary and secondary forest,
1. **Select Forest Change Maps**
   Explore and select the type of forest change activity you want to analyze.

2. **Select Contextual Maps**
   Explore and select how you want forest activity analysis to be segmented.

3. **Select Area for Analysis**
   Analyze a specific area by zooming to a point on the map or drawing a shape.

**Latitude/Longitude**
3.6418, 100.0411
1. Select Forest Change Maps
   Explore and select the type of forest change activity you want to analyze.

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Legend:
- Protected area
- Limited production forest (HPT)
- Production forest (HP)
- Convertible production forest
RSPO CERTIFIED AREA MAPS

1.6 million hectares of certified palm oil concessions
12% of global palm oil production area
ANALYSIS

Individual concessions

Group of concessions by owner
ADDITIONAL DATA SETS

Peat depth, legal classification, land cover type
GEOSPATIAL CONTEXT
ANALYSIS
ANALYSIS

Clearance Alerts on Tree Cover Density since 2012

Clearance Alerts on Land Cover - Global since 2012

- Agriculture
- Mixed agriculture and forest
- Grassland / Shrub
- Mixed forest and grassland
- Non-forest
- Primary Forest
- Secondary Forest
- Settlements
- Swamp
- Water Bodies
DETAILED ANALYTICAL TOOLS
• **Upload** function allows users to analyze their own shape files

• **Analyze by unit** – commercial, administrative, or certified areas

• **Search attribute data** and perform analysis

• **Prototyping additional features**
NEXT STEPS

• **Road testing**
  – GFWbusiness@WRI.org

• **Developing** new data sets

• **Expanding** to include other commodity sectors & certification schemes

• **Integrating** with systems at key leverage points
THANK YOU
Sarah Lake
World Resources Institute

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